

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph starting on page 4, line 13 as follows:

In summary, the DTCH, the DCCH, and the service option are connected in the active state 101, the ~~DTCH~~ DCCH and the service option are connected in the control hold state 103, only the service option is connected in the suspended state 105, and only the link layer connection is held between the IWF and the mobile station in the dormant state 107.

Please amend the paragraph starting on page 21, line 22 as follows:

If transmission of packet data is discontinued, the MAC controller 405 transmits an RC-unlock request signal as a primitive for releasing an SCH to the RC 403, requesting release of the SCH or release of an FCH or a control channel as well as release of the SCH in step 801. That is, for state transition by releasing the SCH along with the FCH or the control channel, the MAC controller 405 transmits the RC-unlock request signal to the RC 403 to transition from the active state 101 to the control hold state 103, the suspended state 105, or the dormant state 107. The MAC controller 405 must determine whether to continue the active state 101 or transition to the control hold state 103, the suspended state 105, or the dormant state 107 by checking the presence or absence of data to be transmitted on the FCH or the DCCH, in step 801. Both the FCH and the DCCH are used to provide circuit service and packet data service. In the case where the SCH is released due to discontinuation of the packet data transmission, the circuit service is provided in the active state. On the other hand, if the packet data transmission is discontinued during only the packet service on the supplemental channel in progress, it is not necessary to maintain the active state and thus the active state is transitioned ~~from~~ to the control hold state, the suspended state, or the dormant state. If transmit data is not generated during data communication in progress on the DCCH and a signal control channel (SCCH) in the active state or the control hold state, the suspended state or the dormant state is entered. The RC 403 transmits a SIG-release request signal to the SIG controller 401 in step 802 and the SIG controller 401 transmits an extended release message in the format shown in Table 4 to the CE controller 407 in step 803. The extended release

message has information about a state to which the active state 101 transitions, that is, information about the FCH or the DCCH to be released and information about a logical channel mapped on a physical channel, as stated before. The CE controller 407 transmits the extended release message to the CE controller 409 of the mobile station 301 on the physical channel.